

Service Letter

SL #: 5232
Date: 22 August 2008
Product: Loader
Subject: Wheel Alignment

MODEL	SERIAL NUMBER
A220	519611001 thru 519699999 519711001 thru 519799999
A300	521111001 thru 521199999 523411001 thru 523499999 526411001 thru 526499999 526511001 thru 526599999 539911001 thru 539999999 540011001 thru 540099999 A5GW11001 thru A5GW99999 A5GY11001 thru A5GY99999



Occasionally Bobcat Company receives a report of an All Wheel Steer (AWS) Loader that has unaligned wheels. This letter provides information to help diagnose if alignment is required.

Engine Off

When the engine is off, it is considered normal for the wheels to turn slightly out of alignment. This happens because hydraulic pressure can gradually bleed out of the hydraulic valves, lines and steering cylinders. Without pressure, the hydraulic steering system allows the wheels to turn to a relaxed position. ***This is normal and does not indicate alignment is required.***

Engine On

The engine must be running AND a drive command given by the operator to apply pressure to the hydraulic steering system. On a level surface, drive the loader forward about five feet. Stop the loader and leave the engine running, apply the park brake and raise the seat bar. Have a second person look at the wheels. If the wheels appear aligned, nothing is required.

Procedure

If the wheels appear unaligned, download and install the latest version of software from BobcatNET. Connect service analyzer to the loader to monitor the wheel position sensors. See the loader service manual for the wheel alignment.